

# THE ASTROPHYSICAL JOURNAL LETTERS

## CONTENTS OF VOLUME 390, PART 2

1992 MAY 1, Number 1

	Page	Fiche
SPATIAL CORRELATIONS IN A REDSHIFT SURVEY OF APM GALAXY CLUSTERS <i>G. B. Dalton, G. Efstathiou, S. J. Maddox, &amp; W. J. Sutherland</i>	L1	78-A8
ON THE ROTATION OF POLARIZATION BY A GRAVITATIONAL LENS <i>C. C. Dyer &amp; Eric G. Shaver</i>	L5	78-B1
DETECTION OF AN UNRESOLVED NUCLEAR RADIO SOURCE IN M31 <i>Patrick C. Crane, John R. Dickel, &amp; John J. Cowan</i>	L9	78-B7
PRIMORDIAL GIANT MOLECULAR CLOUD CLUMPS CAN BE PROBED—OPTICALLY <i>David L. Block, J. E. Dyson, &amp; Claus Madsen</i>	L13	78-C1
THE THREE-DIMENSIONAL INTERACTION OF A SUPERNOVA REMNANT WITH AN INTERSTELLAR CLOUD <i>James M. Stone &amp; Michael L. Norman</i>	L17	78-C11
POSTGLITCH BEHAVIOR OF THE CRAB PULSAR: EVIDENCE FOR EXTERNAL TORQUE VARIATIONS <i>Bennett Link, Richard I. Epstein, &amp; Gordon Baym</i>	L21	78-D5
DISCOVERY OF BIPOLAR OH MASER EMISSION FROM THE HIGH-LATITUDE SUPERGIANT STAR HD 101584 <i>P. te Lintel Hekkert, J. M. Chapman, &amp; A. A. Zijlstra</i>	L23	78-D9
LOCATION OF THE DUST FORMATION REGION FOR MIRA VARIABLES <i>P. F. Bowers</i>	L27	78-E1
CRITERION FOR CONVECTION IN AN INHOMOGENEOUS STAR <i>Richard B. Stothers &amp; Chao-wen Chin</i>	L33	78-E9
ESTIMATION OF THE MASS OF A CORONAL MASS EJECTION FROM RADIO OBSERVATIONS <i>N. Gopalswamy &amp; M. R. Kundu</i>	L37	78-F1
FIRST RESULTS OF AN ON-LINE ADAPTIVE OPTICS SYSTEM WITH ATMOSPHERIC WAVEFRONT SENSING BY AN ARTIFICIAL NEURAL NETWORK <i>M. Lloyd-Hart, P. Wizinowich, B. McLeod, D. Wittman, D. Colucci, R. Dekany, D. McCarthy, J. R. P. Angel, &amp; D. Sandler</i>	L41	78-F8
INSTRUCTIONS TO AUTHORS OF <i>LETTERS</i> , RECENT <i>LETTERS</i> ABSTRACTS, AUTHOR AND SUBJECT INDEXES		<i>Inside Back Cover</i>

1992 MAY 10, Number 2

	Page	Fiche
AN ABSOLUTE CALIBRATION OF TYPE Ia SUPERNOVAE AND THE VALUE OF $H_0$ <i>Michael J. Pierce, Michael E. Ressler, &amp; Mark S. Shure</i>	L45	84-D1
TeV GAMMA RAYS FROM 3C 279: A POSSIBLE PROBE OF ORIGIN AND INTERGALACTIC INFRARED RADIATION FIELDS <i>F. W. Stecker, O. C. De Jager, &amp; M. H. Salamon</i>	L49	84-D7
ULTRALUMINOUS <i>IRAS</i> GALAXIES: FORMATION OF ELLIPTICAL GALAXIES BY MERGER-INDUCED DISSIPATIVE COLLAPSE <i>John Kormendy &amp; David B. Sanders</i>	L53	84-E1

	<i>Page</i>	<i>Fiche</i>
MASS FLUCTUATIONS ON $600 h^{-1}$ Mpc: A RESULT FROM CLUSTERS OF GALAXIES <i>Roberto Scaramella</i>	L57	84-E7
THE QUASI-GAUSSIAN DENSITY-VELOCITY RELATIONSHIP <i>Francis Bernardeau</i>	L61	84-F1
USING ARCS IN CLUSTERS OF GALAXIES AS PROBES TO CLUSTER POTENTIALS AND THE FAINT BLUE GALAXIES <i>Jordi Miralda-Escudé</i>	L65	84-F7
HARD X-RAY TESTS OF THE UNIFIED MODEL FOR AN ULTRAVIOLET-DETECTED SAMPLE OF SEYFERT 2 GALAXIES <i>John S. Mulchaey, Richard F. Mushotzky, &amp; Kimberly A. Weaver</i>	L69	84-G1
THE RADIAL DISTRIBUTION OF OXYGEN IN DISK GALAXIES <i>Dennis Zaritsky</i>	L73	84-G7
RAPID COOLING OF NEUTRON STARS BY HYPERONS AND $\Delta$ ISOBARS <i>Madappa Prakash, Manju Prakash, James M. Lattimer, &amp; C. J. Pethick</i>	L77	85-A1
THE ABSOLUTE MAGNITUDES OF LMC RR LYRAE VARIABLES AND THE AGES OF GALACTIC GLOBULAR CLUSTERS <i>Alistair R. Walker</i>	L81	85-A7
BIPOLAR OUTFLOW IN B335: THE SMALL-SCALE STRUCTURE <i>Naomi Hirano, Osamu Kameya, Takashi Kasuga, &amp; Tomofumi Umemoto</i>	L85	85-B1
THE DISCOVERY OF A NEW DAV STAR USING IUE TEMPERATURE DETERMINATION <i>A. Kanaan, S. O. Kepler, O. Giovannini, &amp; M. Diaz</i>	L89	85-B7
THE HIGH-EXCITATION REGION OF NGC 7027 <i>N. Rowlands, J. R. Houck, T. L. Hayward, &amp; J. W. Miles</i>	L93	85-C1
THE ISOTOPIC COMPOSITION OF IRON-GROUP COSMIC RAYS <i>Richard A. Leske, Barrett Milliken, &amp; Mark E. Wiedenbeck</i>	L99	85-C7
A TRUE-FIELD MAGNETOGRAM IN A SOLAR PLAGE REGION <i>Douglas Rabin</i>	L103	85-D1
ON THE THERMAL CONDUCTIVITY DUE TO COLLISIONS BETWEEN RELATIVISTIC DEGENERATE ELECTRONS <i>F. X. Timmes</i>	L107	85-D9
INSTRUCTIONS TO AUTHORS OF <i>LETTERS</i> , RECENT <i>LETTERS</i> ABSTRACTS, AUTHOR AND SUBJECT INDEXES		<i>Inside Back Cover</i>

